

REMARKS

These remarks are responsive to the Office Action mailed June 23, 2010 ("Action"). Reconsideration and allowance of the instant application are respectfully requested for at least the following reasons.

Claim Rejections Under 35 U.S.C. § 112

Claims 29-32 stand rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Applicants respectfully traverse. Claims 29 and 30 have been amended to recite an apparatus comprising a processor and memory. Support for these amendments may be found at least in Figure 8 and paragraph 68 of the published application (see US 2006/0156366), as well as in claim 41 as originally filed. Withdrawal of the rejection is respectfully requested.

Claim Rejections Under 35 U.S.C. § 101

Claims 41-44 stand rejected under 35 U.S.C. § 101 because the claimed invention is directed to non-statutory subject matter. Applicants respectfully traverse. Claims 41-44 have been amended to recite a memory, and hence are statutory under 35 U.S.C. § 101. Withdrawal of the rejection is respectfully requested.

Claim Rejections Under 35 U.S.C. § 103

Claims 1, 6, 7, 9-12, 17-22, 25-29, 31, 32, and 40 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Yuen et al. (US 6,252,634) in view of Ikeda et al. (WO 02/11328; US 7,475,418).

Claims 2-5 and 8 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Yuen and Ikeda, in further view of Szucs et al. (EP 0917355).

Claims 13, 14, 23, and 30 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Yuen and Ikeda, in further view of Eyer (US 6,401,242).

Claim 15 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Yuen in view of Ikeda and Eyer, and further in view of Jensen et al. (US 5,671,219).

Claim 16 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Yuen, Ikeda, and Eyer, in further in view of Szucs.

Claims 24 and 41-44 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Yuen and Ikeda, in further view of Walsh et al. (US 6,965,770).

Applicants respectfully traverse.

Claim 1 is drawn to a method comprising:

“ establishing a mother table configured to maintain a sub-table of the certain transport stream and sub-tables of adjacent transport streams of the certain transport stream, wherein the mother table has an upper level hierarchy in comparison with the subtables, wherein said adjacent transport streams comprise transport streams local to at least one neighboring cell of said certain cell.”

The Action concedes that “Yeun discloses all the limitations of [claim 1] except for ‘establishing a mother table.’” *See* Action, p. 4. Applicants therefore submit that the amendments to claim 1 further define over Yeun. The Action then asserts Ikeda remedies this deficiency. *Id.* Applicants respectfully disagree.

Ikeda does not disclose a mother table having an upper level hierarchy in comparison with subtables that have been split from a service information table. An example of the claimed hierarchy is shown in Figure 4 of the application, reproduced below.

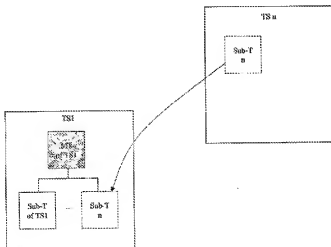


Fig.4

As shown, transport stream 1 (TS1) includes a mother table and “n” subtables of TS1, namely Sub-T of TS1 to Sub-T n, arranged such that the mother table has an upper level hierarchy in

comparison to the “n” subtables. *Id.* at ¶55. In an example, the specification explains that “splitting into smaller sub-tables (Sub-Ts) requires less transmitted bandwidth base all the [service information] SI do not need to be broadcast.” *Id.* at ¶35. The specification further explains that the “mother table announces what sub-tables (Sub-Ts) are included in the local TS.” *Id.* at ¶36.

Ikeda does not indicate any analogous hierarchy between a mother table and multiple subtables, and further does not indicate that the subtables have been split from a service information table. To reject the claimed mother table, the Action cites Figure 8 of Ikeda, reproduced below.

SERVICE ID	SERVICE AREA ID
SERVICE 5	AREA 20
SERVICE 13	AREA 20
SERVICE 18	AREA 30

FIG.8

Figure 8 illustrates an “example of link information with which a transport stream that is to be the transmitted of FIG. 2 can provide.” *See* Ikeda, C3, L40-42. Ikeda indicates that the “link information contains service area IDs for identifying the service area adjacent to the original service area and service IDs for identifying the programs (services) to be linked in the respective adjacent service areas.” *Id.* at C10, L29-33.

Notably, Ikeda is not concerned with establishing a mother table having an upper level hierarchy in comparison with subtables, and further does not indicate that the subtables have been split from a service information table. For instance, Ikeda does not indicate that the rows of the table in FIG. 8 have been split from a service information table when creating the table of FIG. 8. Further, Ikeda does not indicate establishing a table having an upper level hierarchy compared with the rows. Rather, Ikeda indicates that a table structure is not important, particularly indicating that the “link information does not necessarily have a table structure as shown in FIG. 8 and may alternatively have any form so long as it shows the link between the

transport stream of a program or events (services) being transmitted in the original service area.” *Id.* at C10, L48-52. Ikeda therefore does not indicate any analogous hierarchy between a mother table and multiple subtables, and further does not disclose anything analogous to subtables being split from a service information table, in the manner claimed. The combination of Yeun and Ikeda, even if proper, does not disclose all elements recited in claim 1. The remaining references were cited for allegedly disclosing other claim features and have not been asserted to remedy the above-noted deficiency. Therefore, Applicants respectfully solicit allowance of claim 1 and withdrawal of the rejection under 35 U.S.C. § 103.

The other independent claims are allowable at least for some reasons analogous to those given in support of claim 1.

The pending dependent claims are allowable at least due to dependence on an allowable claim.

New Claims

New claims 45-46 have been added and are allowable at least for some reasons analogous to those given in support of claim 1.

CONCLUSION

Applicants respectfully submit that the pending claims are in condition for allowance. Favorable reconsideration of this application is respectfully requested. The Examiner is invited to contact the undersigned should it be deemed necessary to facilitate prosecution of the application.

Respectfully submitted,
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